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transmission system] device and by at least one driven element, which is also eccentric with respect to the rotation axis and is rigidly coupled to the component arranged kinematically after [the] said driving element [preceding one], [the] an angle covered by the elements of each coupling being, as a whole, less than a [round] 360° angle, [the] intermediate components of the kinematic transmission having both [a] said driven element and [a] said driving element for receiving the motion from a preceding element [one] and transmitting [it] said motion to a subsequent [one] element.

25. [Amended] The device according to claim 24, wherein said motion transmission couplings are toothed, each coupling being constituted by at least one driving tooth, which is eccentric with respect to the rotation axis and is rigidly coupled to a component of the motion transmission system, and by at least one driven tooth, which is also eccentric with respect to the rotation axis and is rigidly coupled to the component that kinematically follows the [preceding one] driving element.

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26. [Amended] The device according to claim 25, wherein [two couplings which mutually cooperate in a kinematic series,] a first one of said couplings being constituted by a first tooth which is rigidly coupled to the rotor of a motor and by a second tooth which is rigidly coupled to an annular element which can rotate freely with respect to said rotor, a second one of said couplings being composed of said second tooth and a third tooth which is rigidly coupled to the working part.

27. [Amended] The device according to claim 25, wherein [two couplings which mutually cooperate in a kinematic series], a first one of said couplings being constituted by two first teeth which are rigidly coupled to the rotor of a motor in diametrically opposite positions, and of two second teeth which are rigidly coupled, likewise in diametrically opposite positions, to an annular element which can rotate freely with respect to said rotor, a second one of said couplings being composed of said second

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teeth and of two third teeth which are also diametrically opposite and are rigidly coupled to the working part.

28. [Amended] The device according to claim 25, comprising four couplings which mutually cooperate in a kinematic series, a first one of said couplings being constituted by a first tooth which is rigidly coupled to [the] a free shaft of a motor and of a second tooth which is rigidly coupled to an annular element which can rotate freely with respect to said free shaft, a second one of said couplings being composed of said second tooth and of a third tooth which is rigidly coupled to the working part, a third one of said couplings being composed of a fourth tooth which is rigidly coupled to the rotor of said motor and of a fifth tooth which is rigidly coupled to an annular element which moves freely with respect to said free axis, a fourth one of said couplings being composed of said fifth tooth and of a sixth tooth which is rigidly coupled to said free shaft.

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30. [Amended] The device according to claim 29, wherein said first tooth protrudes from a tang which is keyed on the end of said free shaft, said first tooth being arranged eccentrically with respect to said free shaft and constituting a driving tooth for said second tooth which protrudes axially from an annular element which can rotate freely in said hollow body with respect to said free shaft and to said hollow body, said second tooth having an extension which allows it to make contact with said first tooth and with said third tooth which protrudes from [the] an internal wall of the hollow body.

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31. [Amended] The device according to claim 30, wherein said first tooth has a radial extension which partially affects [the] an internal space of said hollow body, the radial extension of said second tooth affecting [the] a region between said tang and [the] an external wall of said hollow body, providing clearances which allow free

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movement, said second tooth having an axial extension [which allows it to make] for making contact with said first tooth and with said third tooth, said third tooth protruding radially from the internal wall of said hollow body [to the vicinity of the] towards an external profile of said first tooth.

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32. [Amended] The device according to claim 26, wherein said motion transmission couplings comprise a first tooth which is rigidly coupled to an axial tang which protrudes from a tip flange of said rotor, said annular element from which said second tooth protrudes being arranged so as to surround said free shaft and so that it can rotate freely, an [the] extension of said second tooth being such that said second tooth [it] can make contact with said first tooth and with said third tooth which protrudes from another annular element which is rigidly coupled to said free shaft.

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33. [Amended] The device according to claim ¹²32, wherein the axial extension of said first tooth partially affects the extension of said tang, [the] a remaining part being affected by said annular element, from which said second tooth protrudes.

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34. [Amended] The device according to claim ¹²32, wherein said third tooth occupies [the] a radial space provided externally with respect to said first tooth.

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1636. [Amended] The device according to claim ¹⁵35, wherein said two first teeth protrude in a diametrically mutually opposite configuration from a first annular element which is keyed to the shaft of a motor, said first teeth radially and partially affecting [the] a space inside said hollow body, said first teeth constituting driving teeth for said two second teeth which protrude axially from a second annular element which can rotate freely in said hollow body with respect to said shaft and to said hollow body, said second teeth having an extension [which allows them to make] adapted to make contact also with two third teeth which protrude radially from the internal wall of said hollow

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body in [the] a region left free by said first teeth.

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~~37~~. [Amended] The device according to claim ¹⁶~~36~~, wherein said first teeth are arranged in axially offset positions and in that said second teeth are shaped so as to have parts whose radial extension affects all of the region between said tang and the external wall of the hollow body, providing clearances which allow free movement, said second teeth having an axial extension adapted [which allows them] to make contact with said first teeth and with said third teeth which protrude radially from the internal wall of said hollow in axially offset positions.

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~~39~~. [Amended] The device according to claim ³~~38~~, wherein said first tooth protrudes from a tang which is keyed to the end of said free shaft, said first tooth being arranged eccentrically with respect to said shaft and constituting a driving tooth for said second tooth which protrudes axially from an annular element which can rotate freely in said hollow body with respect to said shaft and said hollow body, said second tooth having an extension adapted [which allows it] to make contact with said first tooth and with said third tooth which protrudes from the internal wall of the hollow body, the other two of said four motion transmission couplings comprising said fourth tooth, which is rigidly coupled to an axial tang which protrudes from a tip flange of the rotor of said motor, so as to surround said free shaft, said annular element from which said fifth tooth protrudes being arranged so that it can rotate freely, the extension of said fifth tooth being adapted [such that it] to [can] make contact with said fourth tooth and with said sixth tooth which protrudes from another annular element which is rigidly coupled to said shaft.

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~~42~~. [Amended] The device according to claim ¹~~24~~, wherein a slight interference is provided between [the] mutually moving parts of said couplings, producing a friction engagement.

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